

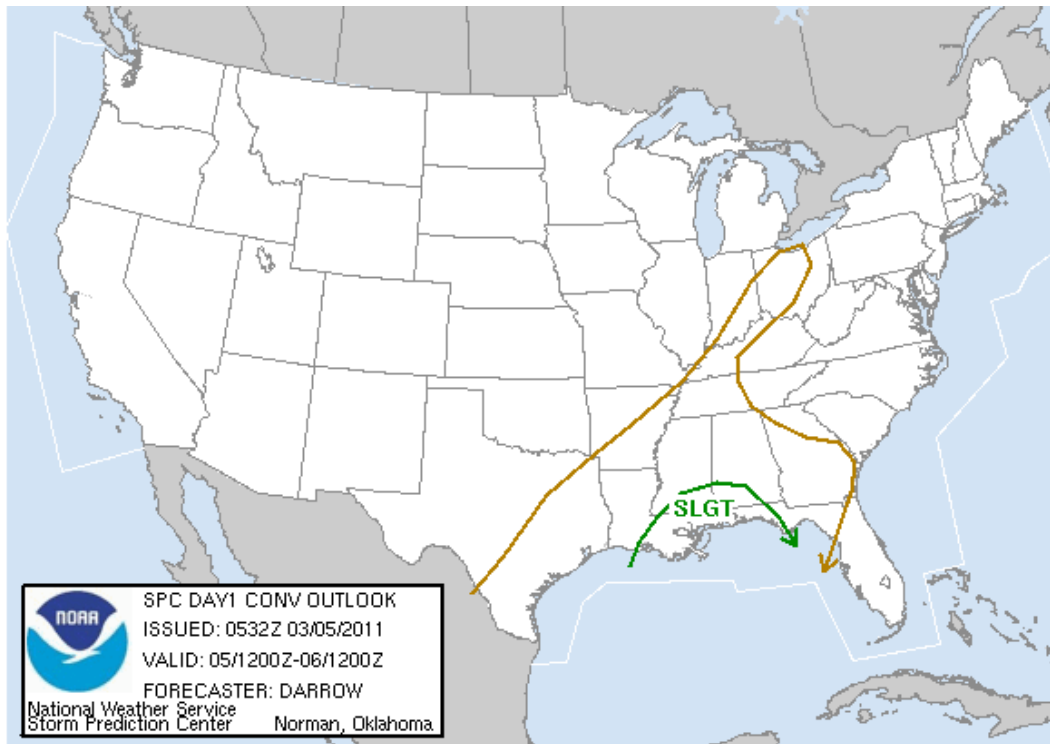


# National Weather Service Tallahassee, Florida



In this update:

- Isolated Severe Weather Possible Saturday evening through Saturday Night



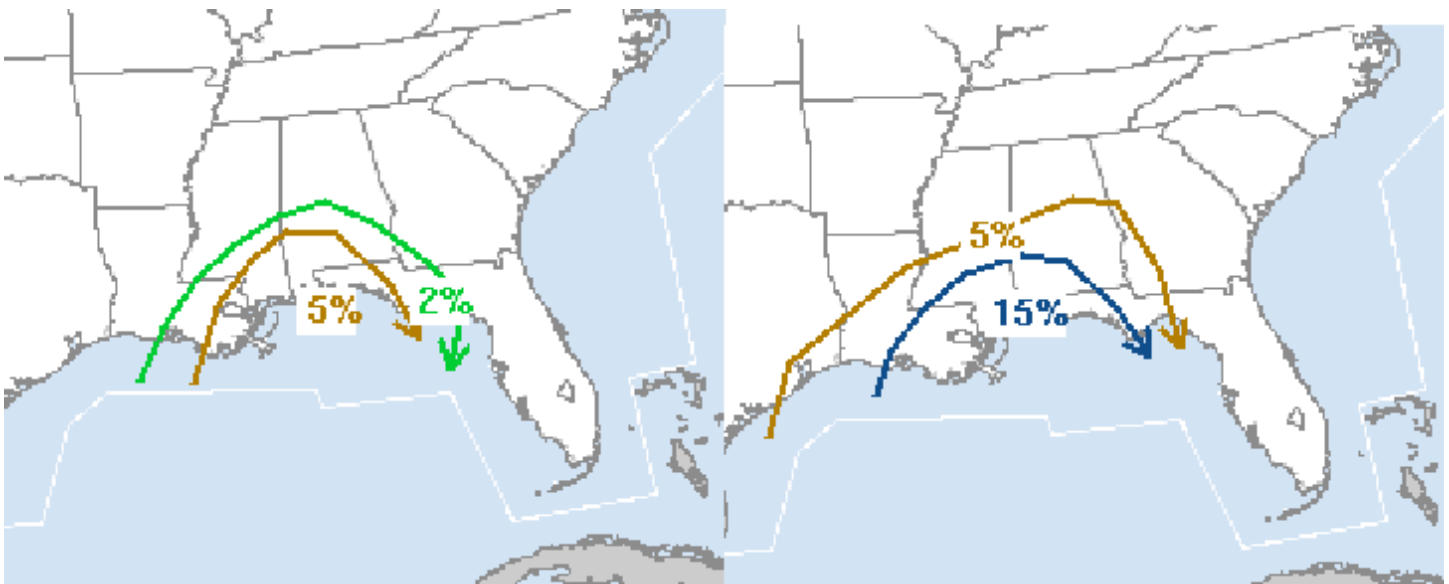
A large cold frontal system will move eastward across the Lower Mississippi River Valley today and approach our region by this evening and pass through by Sunday morning. An upper level disturbance moving with the frontal system will lead to increasing wind shear across the Southeast Saturday evening. As is often case with potential severe weather events in our region, there appears to be sufficient wind shear for organized severe weather, but limited instability.

Some of our computer models indicate that enough moist unstable air from the Gulf of Mexico will move inland across the Florida Panhandle Saturday evening and create an environment favorable for the development of severe thunderstorms, particularly right ahead of the eastward moving cold front. Because of this potential, a portion of our region, primarily in the Florida Panhandle has been included in a slight risk for severe weather. Because instability will be considerably less further inland and across the Florida Big Bend (due to cool water temperatures in Apalachee Bay), the severe weather threat is expected to be less in these areas.

**Event Description:**

As already discussed, instability will be limited with this system. However, because enough unstable air is likely to make it inland across the Florida Panhandle on Saturday evening, the potential for severe weather, particularly in the form of damaging winds, is increased. Moreover, the strong wind shear will make conditions favorable for tornadoes to develop, especially in any thunderstorms that develop well ahead of the cold front. Based on the latest model forecasts, the severe weather potential will begin to increase across the Florida Panhandle and into Southeast Alabama just after sunset and shift eastward across the Florida Big Bend and Southern Georgia during the overnight hours.

The image below depicts the probability of tornadoes (at left) and probability of damaging winds (at right) across our region. Note that the probabilities for this event are relatively low and similar to recent severe weather episodes that featured few reports of damage in our area.



**Tornado Potential**

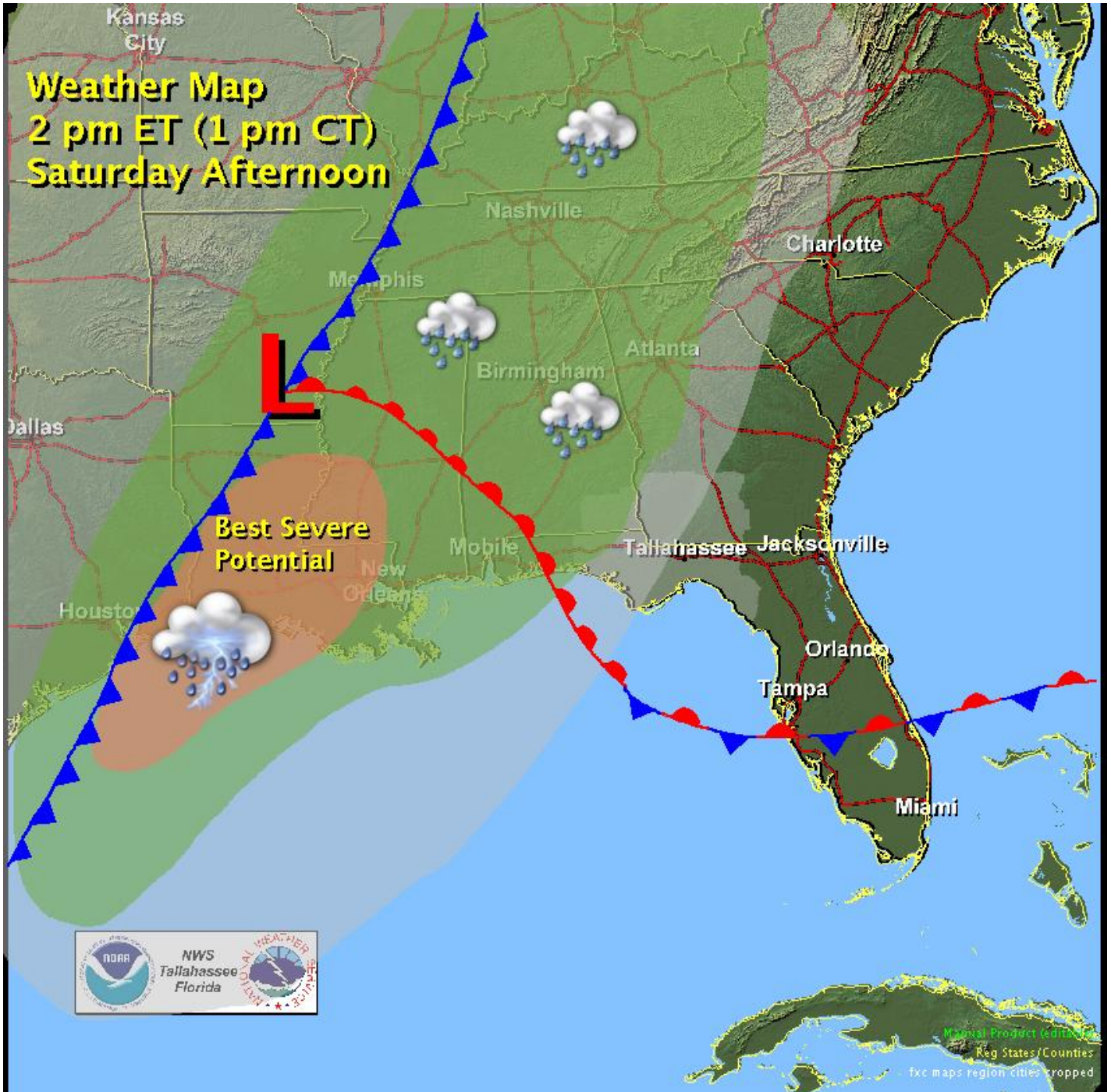
**Damaging Wind  
Potential**

**Rainfall:**

Storm total rainfall with this system is expected to be around 1 to 2 inches in Southeast Alabama and the Florida Panhandle. Lesser amounts up to 1 inch will be possible in Southwest and South Central Georgia and into the Florida Big Bend.

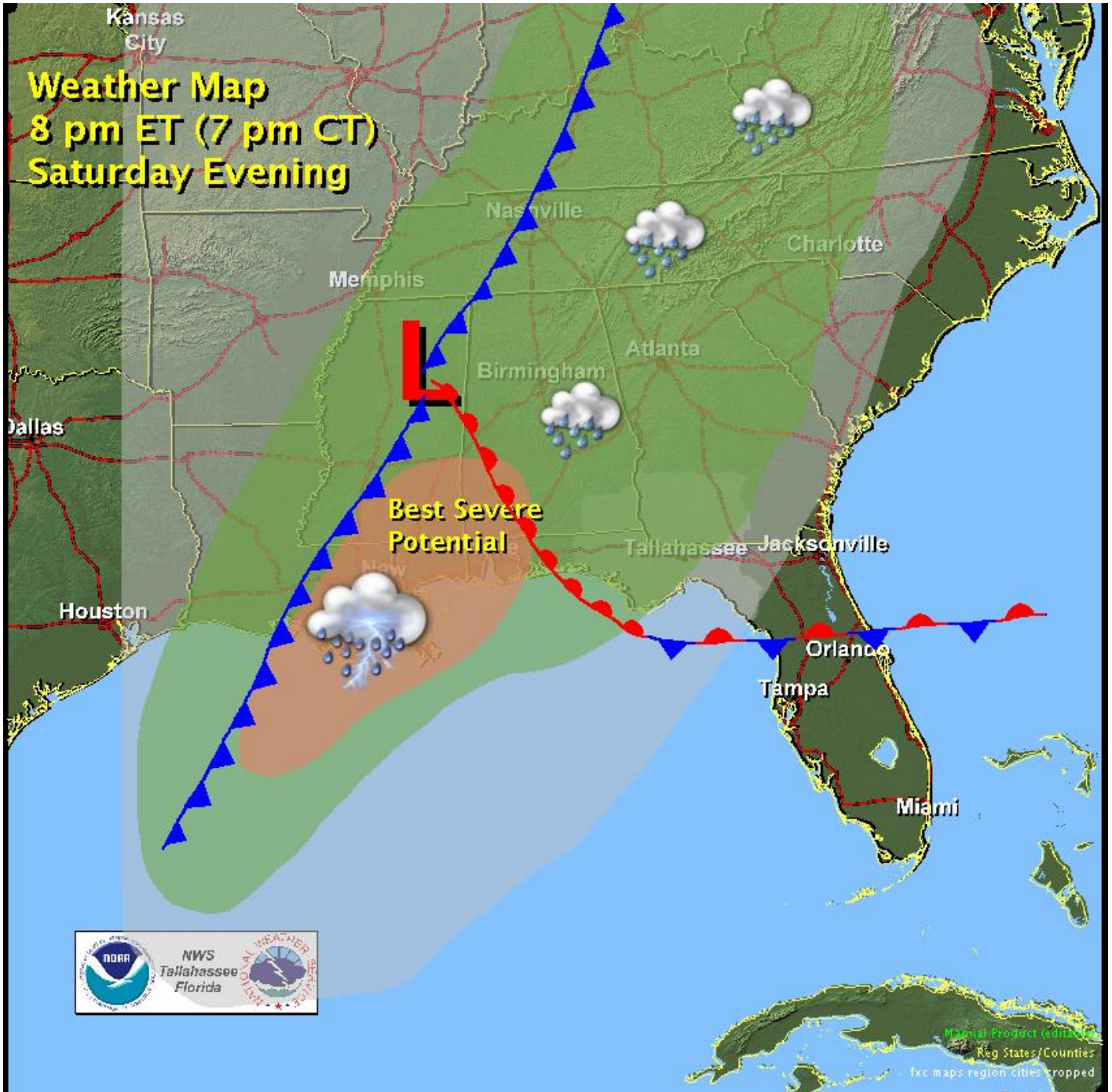
**Event Timing:**

**Weather Map: 2 PM EST Saturday Afternoon**

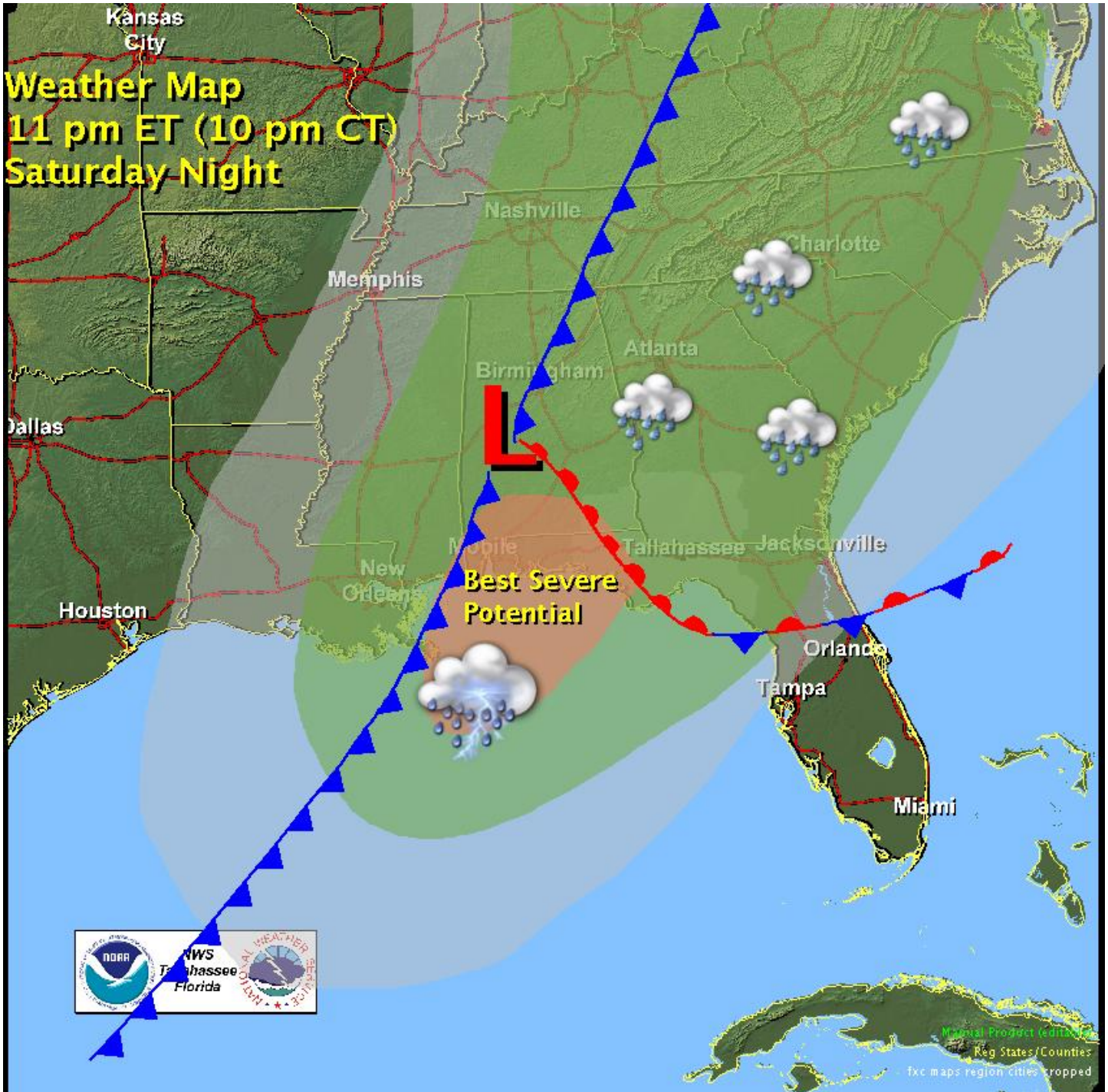




**Weather Map: 8 PM EST Saturday Evening**

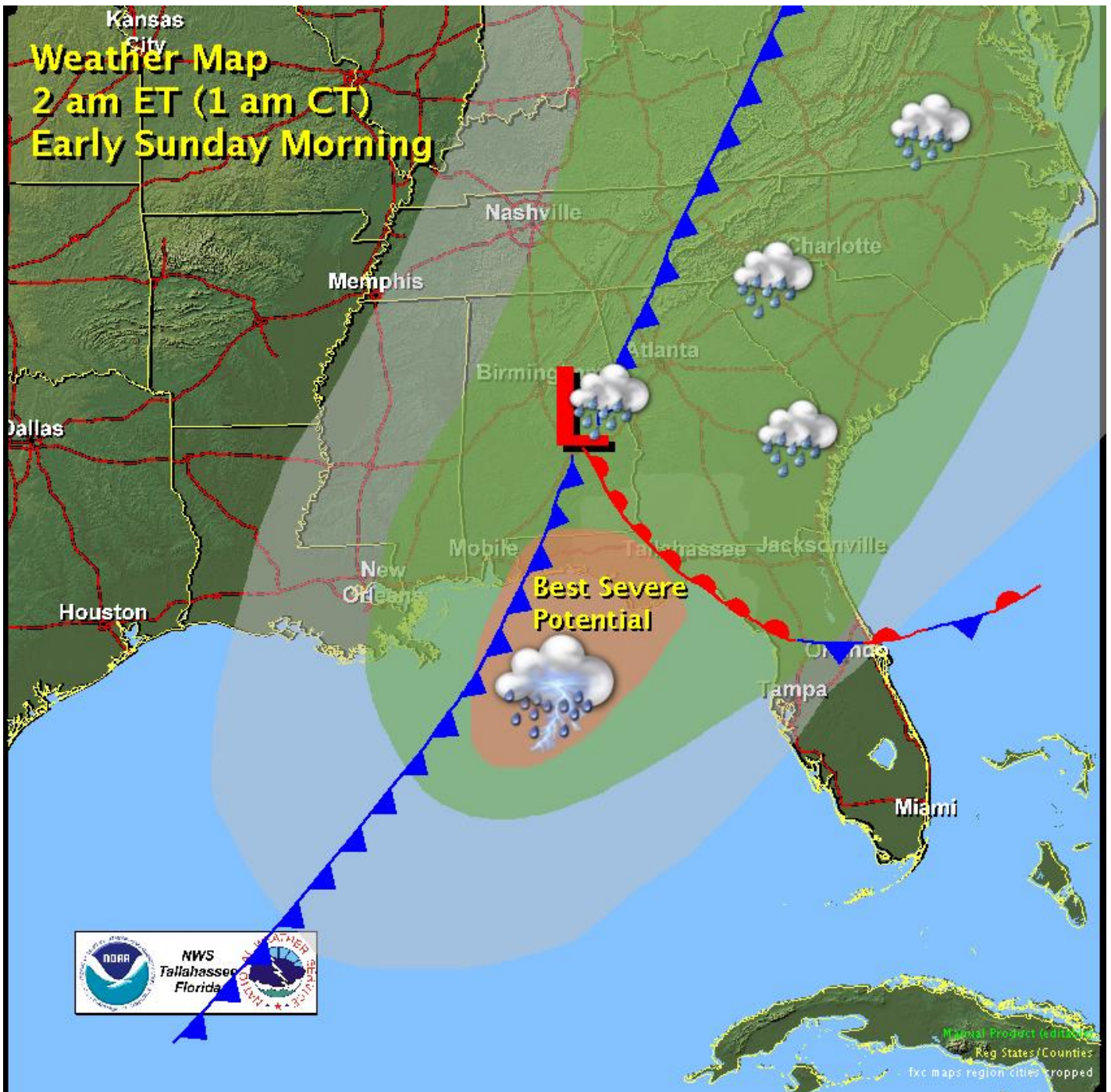


**Weather Map: 11 PM EST Saturday Night**



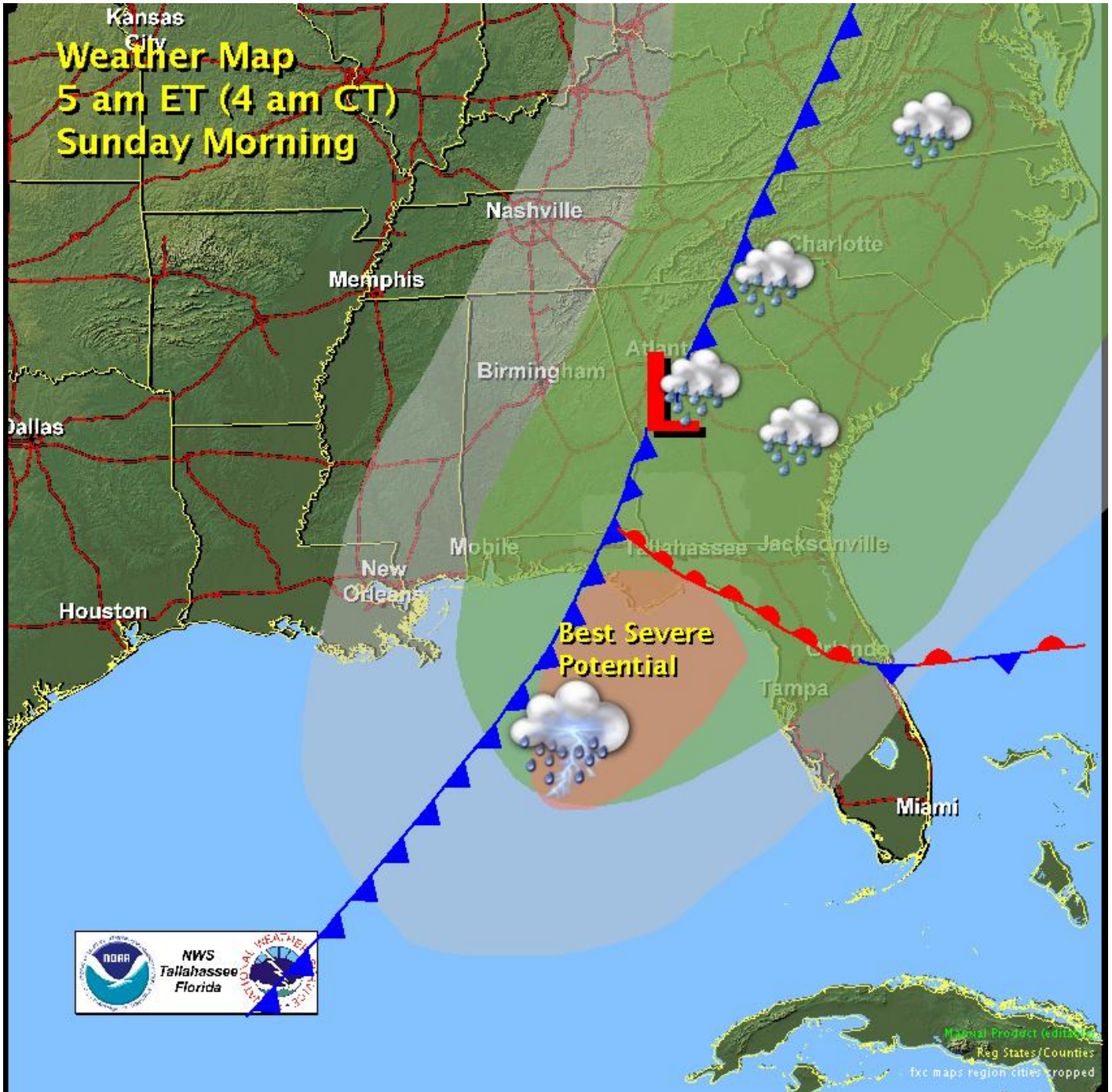


**Weather Map: 2 AM EST Sunday Morning**



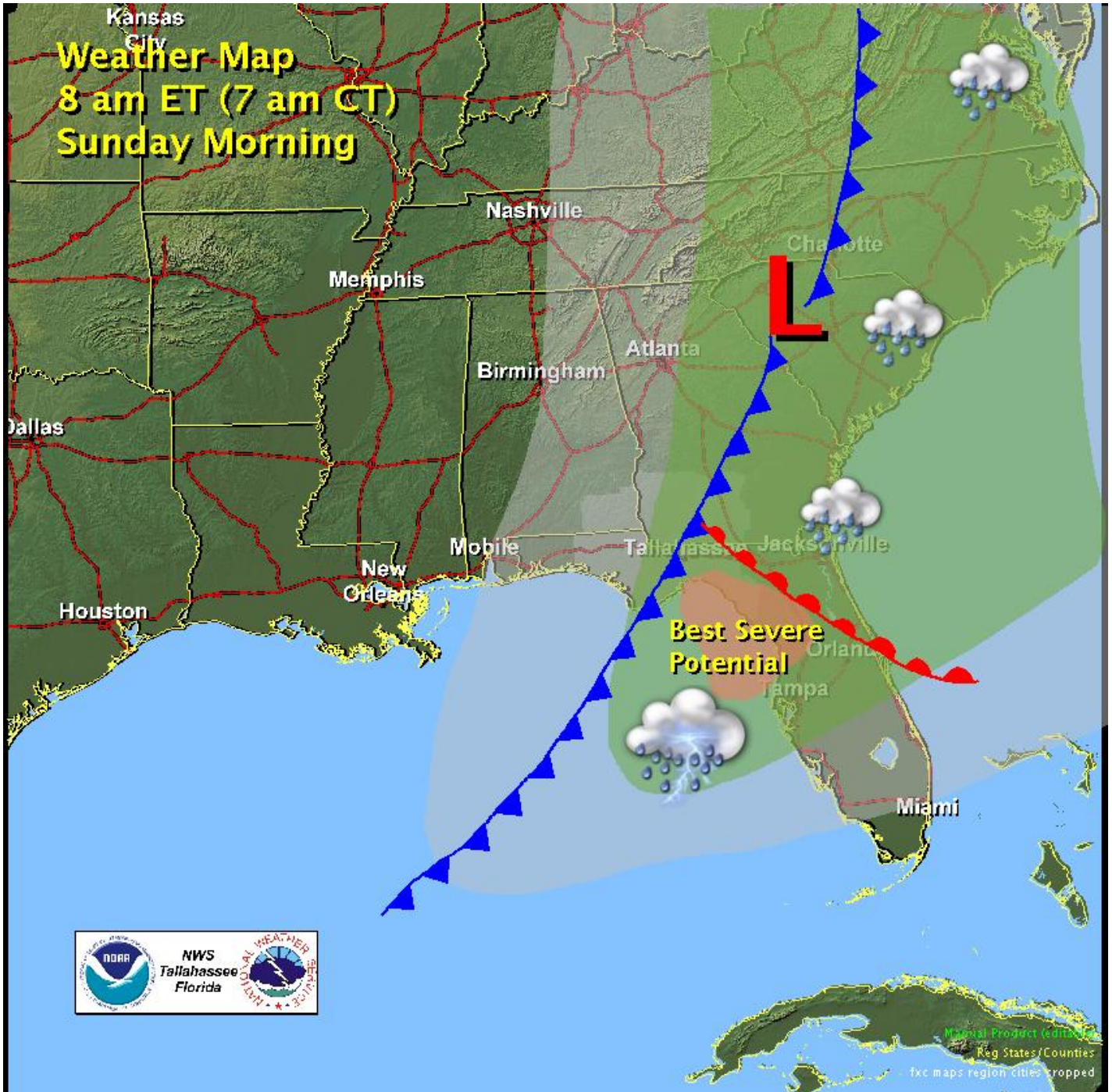


**Weather Map: 5 AM EST Sunday Morning**





**Weather Map: 8 AM EST Sunday Morning**





**Summary:**

- There is an isolated threat of severe weather across our region beginning Saturday evening and continuing through the overnight hours.
- This threat is greatest across the Florida Panhandle and into coastal areas of the Florida Big Bend
- The primary severe weather threat will be damaging winds associated with storms that are just ahead of the cold front. However, an isolated tornado cannot be ruled out with individual storms well ahead of the cold front Saturday night.

The National Weather Service in Tallahassee will continue to monitor this system closely today. If you have any questions, please give our office a call at 850-942-8833 or on our toll free line at 800-598-4562 and ask to speak to a meteorologist. We are available 24 hours a day, 7 days a week. You can also reach us on our Southern Linc phone at 1\*77\*184.